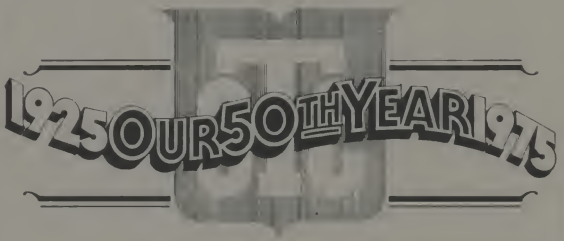
OTC
THE
UTMOST
IN TOOLS



This is a reprint of OTC's 1925 catalog, published to commemorate the Owatonna Tool Company's 50th Anniversary.

Owatonna Tool Company

Owatonna, Minnesota

Foreword

The organizers of the Owatonna Tool Co. have long been associated with the tool making industry. The company has achieved a steady growth and wide experience and has made some of the most successful tools ever offered to the garage mechanic.

O T C tools are made especially for garage mechanics, by men who know, from years of experience, just what is required of such tools and how to make them so that they will stand up under the abuse of shop work. They have at their disposal the very best of forging, tempering and heat treating apparatus, and a modern up-to-date shop. These things together with exacting and painstaking methods, combine to produce tools that are outstanding. Each tool is individually tried and tested before it leaves our factory, which is added insurance that the O T C tool you buy will give you faithful and unfailing service.

We have followed a policy of sturdy honesty in our dealings with our customers, and have built up an enviable reputation for honesty and fair dealing.

We guarantee every O T C tool to do the work for which it is intended and to be free from defects in workmanship and material. We will replace or recondition any O T C tool which fails to give satisfaction, free of charge upon return to our factory.

The O T C trade mark insures THE UTMOST in tools.

Owatonna Tool Company

Owatonna, Minnesota

O T C Gear Pullers

Gear Pullers are one of the most necessary and frequently used pieces of equipment in any garage, and are indispensible to the man who wishes to do the best possible work in the shortest possible time.

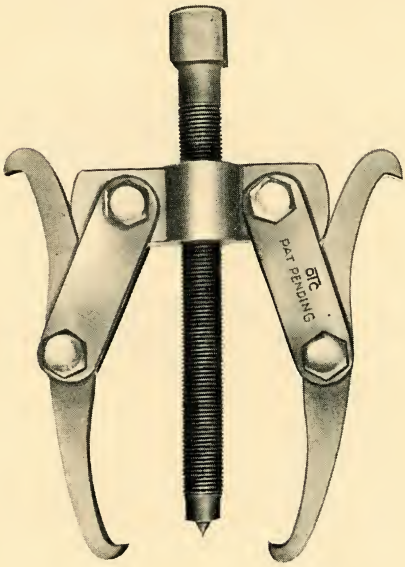
In selecting a Gear Puller the things to consider are:

Design.
Adaptability to a wide range of uses.
Great strength.

O T C Pullers are of a new and patented design which is extremely simple and far more efficient than any other puller made. It has a positive grip which absolutely prevents the jaws from slipping and injuring the work.

O T C Gear Pullers are adapted to a wide range of uses and will pull practically all gears, collars, drums, bearings, etc., usually found in garage or machine shop practice. Double end jaws on O T C Pullers will be readily appreciated by mechanics.

O T C Gear Pullers are strictly a hand made tool. The jaws are hand forged, from chrome vanadium steel with a tensile strength of 240,000 pounds per square inch, and are practically unbreakable. The block is hand forged from a special alloy steel to eliminate any possibility of stripped threads. The screw is made of a special alloy steel, hardened and tempered and guaranteed not to strip. Even the cap screws, which fasten the puller together, are a heat treated Ferry Process screw.

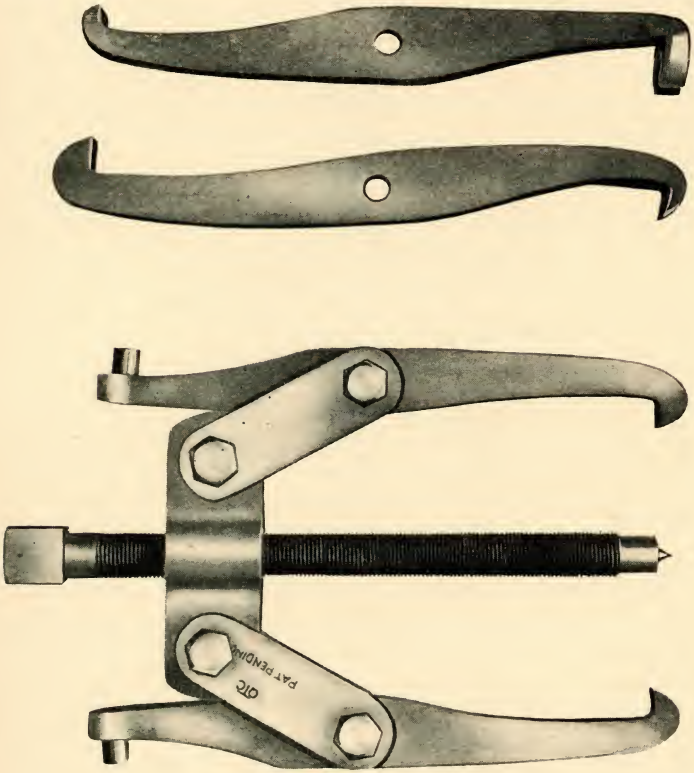


No. 1 O T C Gear Puller

Is particularly adapted to pulling generator gears, ball races, timing gears and small pinions. Equipped with one double end pair of jaws, having a wide thin hook on one end and a narrow thick hook on the other.

Size of screw, ½ in. diameter by 6 in. long.
Spread of jaws, 0 to 6 in.
Length of jaw from block to hook 3½ in.

No. 1 O T C Gear Puller, as shown_____**$6.00**



No. 2 O T C Gear Puller

Three different styles of double end jaws are made for the No. 2 Gear Puller.

The Ford special jaw has a narrow thick hook on one end and on the other end a pin for pulling the high speed disc drum on the Ford car.

The No. 2 Gear Puller equipped with this jaw will do practically all of the work required of a gear puller in a Ford garage.

The cap screw jaw is equipped with a wide thin hook on one end and a special hook on the other end for pulling gears that are tapped for cap screws. This pair of jaws together with the Ford special jaws, makes a complete puller and will pull practically any gear, drum, pinion or bearing usually found on automobiles.

The general purpose jaw is made for general use and has a wide thin hook on one end and a narrow thick hook on the other end.

Size of screw, 5/8 in. diameter by 9 in. long.

Spread of jaws, 8 in.

Length of jaw from block to hook, 5 1/2 in.

No. 2 O T C Gear Puller, with one pair of double end jaws _____ **$12.00**

Extra Double End Jaws, per pair_____ **5.00**

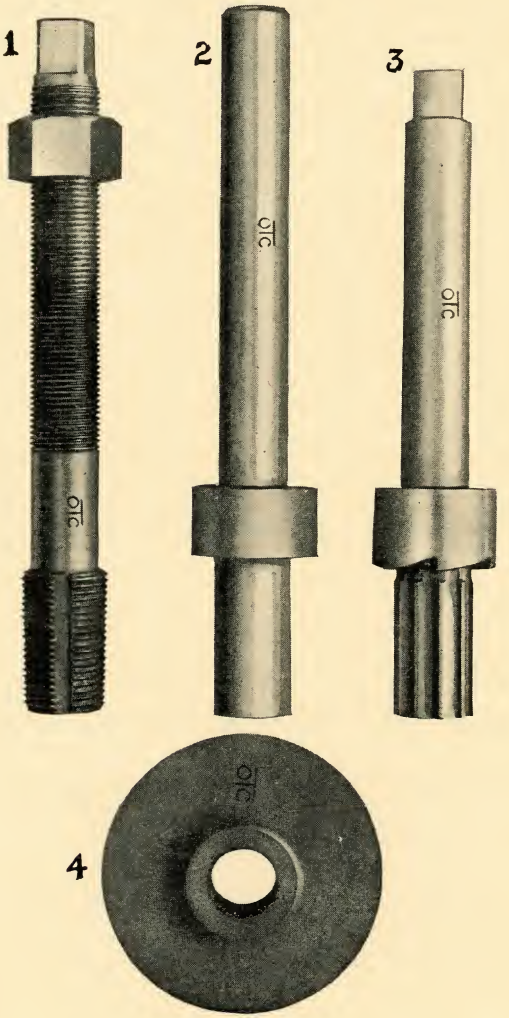
No. 3 O T C Gear Puller (Not Illustrated)

Is designed for heavy duty work on tractors, engines, heavy machinery, etc. Equipped with single end heavy duty jaws only.

Size of screw, 3/4 in. diameter by 12 in. long.
Spread of jaws, 12 in.
Length of jaw from block to hook, 9 in.

No 3 O T C Gear Puller_____ **$17.00**

Ford Drive Shaft Babbitt Bushing Set



Ford Drive Shaft Babbitt Bushing Set

Puller (Fig. 1) is screwed into bushing, collar (Fig. 4) is slipped on over threaded portion, nut turned against collar which removes bushing.

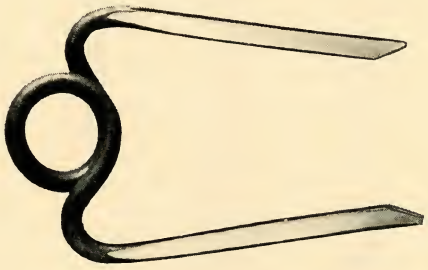
Babbitt Bushing Puller, with collar_____**$2.50**

Bushing Driver installs new bushing quickly and without damage to the bushing.

Babbitt Bushing Punch _____**$1.50**

Reamer and Facer, reams and faces bushing, the collar (Fig. 4) holding the tool in perfect alignment.

Babbitt Bushing Reamer and Facer, with collar,_**$6.50**
Complete set of three tools with collar_____**$9.50**

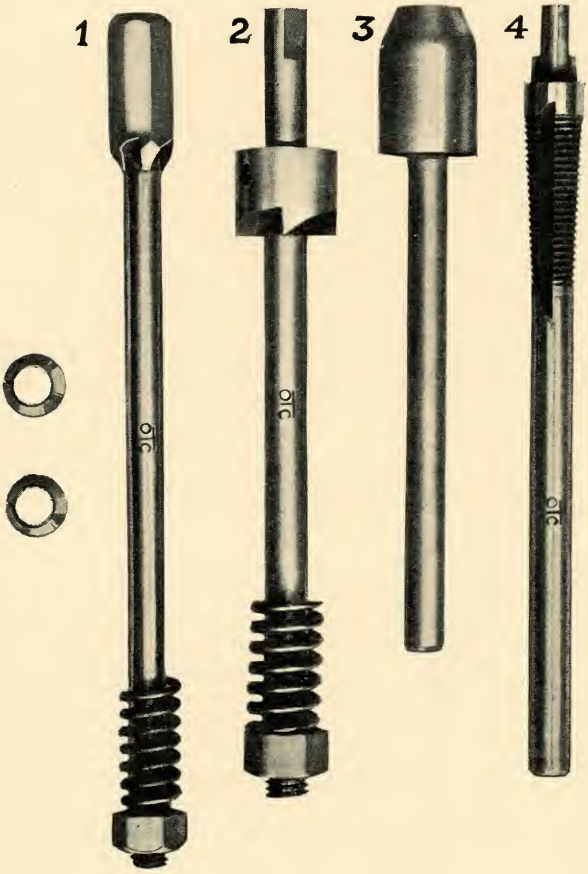


Ford Band Clamp Tool

Holds Ford bands in alignment while putting on transmission case cover, eliminates the use of a string or wire, generally employed.

Ford Band Clamp Tool _____**$ .50**

Ford Spindle Bushing Set



Ford Spindle Bushing Set

Bushing Extractor (Fig. 4) is screwed into bushing and blow with hammer on other end removes bushing. Fits spindle and fan pulley bushings. Shoulder on one end for driving out steel bushings from spindle arm, spring and spring perch.

Spindle Bushing Extractor _____ **$2.00**

Bushing Punch (Fig. 3) installs spindle and fan pulley bushings quickly and without damage to bushing.

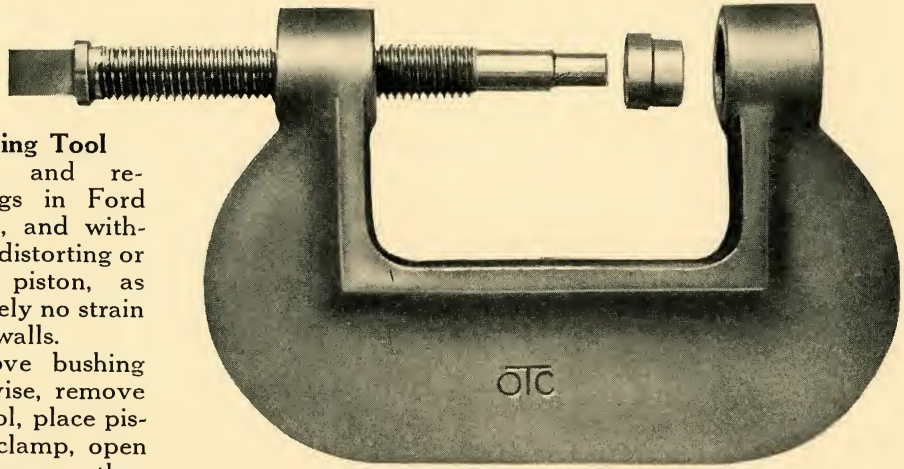
Bushing Punch _____ **$ .75**

Bushing Facer (Fig. 2) faces bushings perfectly and eliminates grinding or filing.

Bushing Facer _____ **$3.25**
Extra Cutter _____ **1.50**

Axle Bushing Tool (Fig. 1) overcomes the necessity of brazing or welding worn spindle bolt holes in Ford front axle. Tool mills tapered recess in top and bottom spindle bolt holes, split cone shaped collars are placed in recesses, spindle bolt inserted and bolt drawn up. Centers and tightens the spindle bolt in the axle. Job can be done without removing axle from the car.

Spindle Bolt Bushing Tool, with 12 split tapered collars _____ **$3.85**
Extra Collars, per doz. _____ **.60**
Extra Cutter _____ **1.50**
Complete set of four tools _____ **9.35**



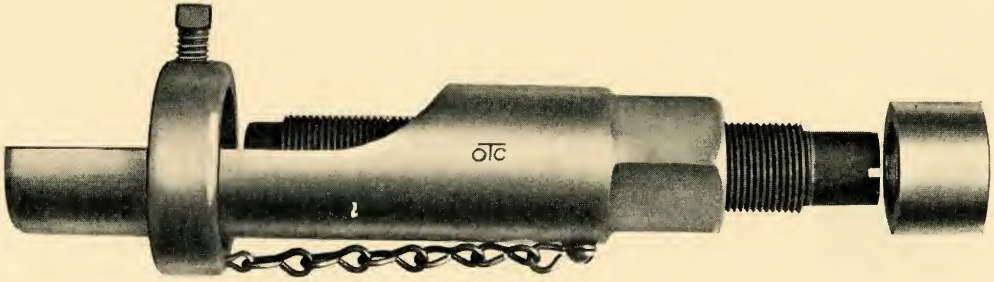
Piston Bushing Tool

Removes and replaces bushings in Ford piston quickly, and without danger of distorting or cracking the piston, as there is positively no strain on the piston walls.

To remove bushing place tool in vise, remove screw from tool, place piston inside of clamp, open end up. Turn screw thru opening in first bushing, place collar on screw as in photo and turn collar against bushing, forcing bushing out of piston.

To replace bushing, set piston over large end of tool, put collar on screw as in photo, place bushing, bevel end foremost on collar; turn screw to press bushing into piston.

Piston Bushing Tool_____**$3.50**

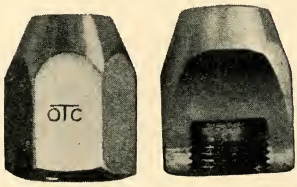


Hyatt Sleeve Tool

One of the most successful special tools ever offered to the garage mechanic. Over 10,000 satisfied users.

Removes and replaces the Hyatt sleeve on the Ford drive shaft. Very strongly made from solid bar steel. A real time saver and a necessity in any garage.

Hyatt Sleeve Tool_____**$5.50**



O T C Wheel Pullers

The proper way to remove a wheel, set on a tapered axle shaft, is to jar it loose, by a blow on the end of the axle. Regardless of the type of wheel puller used, the wheel is invariably loosened by pounding.

O T C Wheel Pullers, deliver the blow, evenly over the end of the axle shaft, protect the threads, and being close coupled, eliminate the possibility of bending or breaking the axle.

O T C Wheel Pullers are made in five sizes, and fit practically all sizes of axles. Made of the best material, accurately machined and nicely finished. If in doubt as to size needed specify make and model of car.

Size	Price
5/8 in. S. A. E.	$ .75
3/4 in. S. A. E.	.85
7/8 in. S. A. E.	.95
1 in. S. A. E.	1.05
1 1/8 in. S. A. E.	1.15
Set of five	4.50

O T C Wheel Pullers fit following cars (partial list):

5/8 in. S. A. E.

- Chevrolet "490"
- Durant
- Ford
- Grant
- Gray
- Overland 1920 to 1922
- Star

3/4 in. S. A. E.

- Chevrolet FB
- Chevrolet Superior
- Chrysler "Four"
- Dort
- Gardner
- Maxwell
- Saxon

7/8 in. S. A. E.

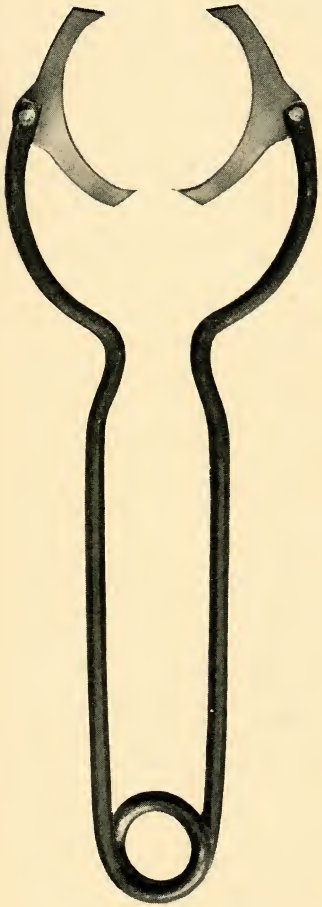
- Buick fours and sixes
- Chalmers
- Cleveland
- Columbia
- Case
- Dodge
- Essex
- Hudson
- Hupmobile
- Jordan
- Jewett
- Nash
- Overland
- Paige
- Peerless
- Stearns
- Studebaker "Light Six"
- Stutz
- Templar
- Yellow Cab
- Ford Ton Truck
- International Truck
- Republic Truck
- Stewart Truck

1 in. S. A. E.

- Auburn
- Moon
- Oakland 6-44
- Oldsmobile Four
- Packard
- Reo Four
- Rickenbacker
- Bethlehem Truck
- Chevrolet Ton Truck
- Maxwell Truck

1 1/8 in. S. A. E.

- Buick
- Kissel Kar
- Paige
- Reo Truck
- GMC Truck



Ring Groove Cleaner

Scrapes carbon from bottom and sides of piston ring grooves, on pistons 3 in. to 4 in. in diameter and any width of groove. Replaces the slow and tedious process of scraping grooves with a broken ring or a screw driver and does a very satisfactory job.

Made from high grade spring steel.

Cutters hardened and ground.

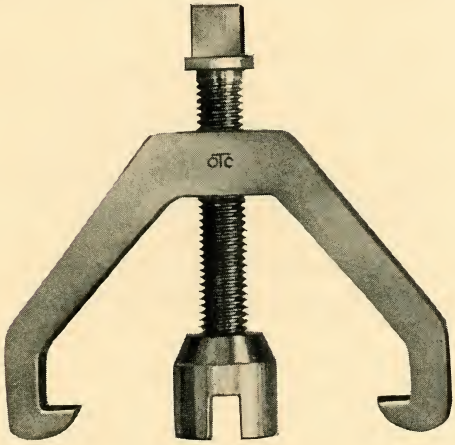
Ring Groove Cleaner,

$1.50

Bolt Hole Cleaner (Not Illustrated)

Removes carbon from cylinder head bolt holes and thus removes the principal cause of leaky gaskets. Prevents stripped threads, broken bolts and split cylinder blocks.

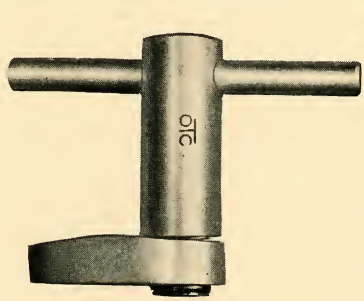
Bolt Hole Cleaner _____ **$ .75**



Chevrolet Clutch Spring Compressor

Compresses spring on Chevrolet clutch so pin can be removed or replaced. Simple, efficient, hand forged tool, nicely finished.

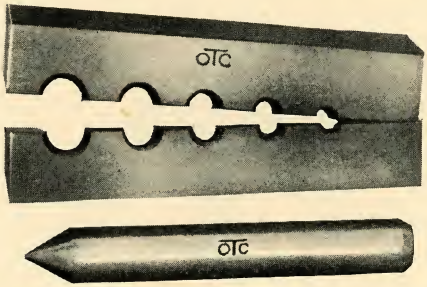
Chevrolet Clutch Spring Compressor _____ **$3.50**



Ford Manifold Tool

Holds intake manifold in place while exhaust manifold is being removed or replaced, or vice versa. A very handy tool, durable, well finished, and will pay for itself in a short time.

Ford Manifold Tool _____ **$1.75**

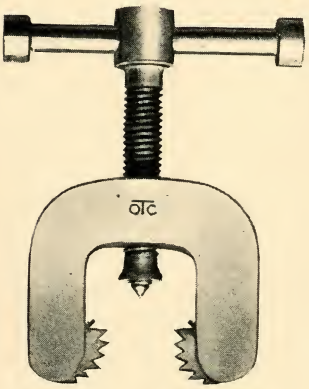


Pipe Swage

Flares out and makes a perfect joint in ends of copper tubing, without splitting the tube. Takes 3/16 in., 1/4 in., 5/16 in., 3/8 in., 7/16 in. tubing.

Also adapted to drilling cotter key holes in bolts and pins. Bolt is clamped firmly in tool, and drill run thru small holes in side, which act as guide, drilling hole squarely thru center of bolt.

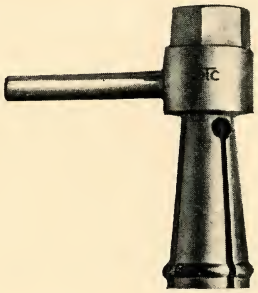
Pipe Swage With Punch _____ **$2.25**



Battery Terminal Puller

Can be used in close quarters, and will pull terminal, regardless of how tight or badly corroded it may be, without injury to post or battery. Strong construction and well finished. Should be kept in solution of soda water.

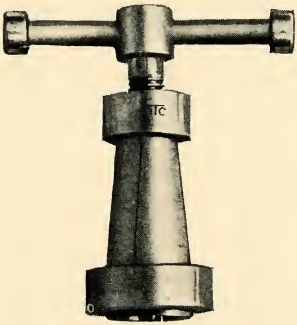
Battery Terminal Puller, **$3.50**



Ford Outer Generator Race Puller

Removes outer race from Ford generator cap. Intall tool in bearing and drive out with punch thru oil hole. Use old Hyatt sleeve from Ford rear axle housing for support when driving out race.

Outer Generator Race Puller _____ **$2.75**
Outer Generator Race Puller, with punch_____ **3.25**



Ford Inner Generator Race Puller

Removes inner race from Ford armature shaft quickly and easily. Made from solid bar steel, nicely finished.

Ford Inner Generator Race Puller _____ **$2.75**


OTC
OTC
OTC
OTC
OTC
1
2
3
4
5
6

Assembling Punch (Fig. 1)

A perfect tool for lining up holes in fenders, frames, motors, etc., 14 in. long.

Assembling Punch _____ **$1.00**

Screw Starter (Fig. 2)

Used for starting screws in inaccessible places. Particularly useful for starting screws in Ford Bendix cover and Chevrolet pan.

Screw Starter _____ **$ .75**

Ball Race Punch or Cage Tool (Fig. 3)

An ideal tool for tightening or loosening ring lock nuts on valve cages, etc., and for punching out ball races.

Ball Race Punch or Cage Tool_____ **$1.00**

Chevrolet Main Bearing Wrench (Fig. 4)

Easily gets at this very inaccessible job. Made of genuine Chrome-Vanadium steel, hand forged and tempered.

Single End Wrench to fit '23 and earlier_____ **$1.50**
Single End Wrench to fit '24 and later_____ **1.50**
Double End Wrench to fit both models_____ **2.50**

Rocker Arm Lifter (Fig. 5)

Lifts the rocker arms on all overhead valve motors. Gets the back ones as well as those in front.

Rocker Arm Lifter _____ **$ .75**

Larson Pincher (Fig. 6)

A drop-forged tool, 8 in. long, made from the best of material. One of the handiest tools about the shop.

Larson Pincher _____ **$1.00**

1

2

3

4

5

6

7

8

9

Chisels and Punches

O T C chisels and punches are hand-forged from Chrome-Vanadium steel. They are hardened and tempered by a new and secret process, individually tried and tested, and will stand up under severe usage. These tools are absolutely guaranteed and will be replaced or redressed free of charge, on return to the factory if they do not stand up, regardless of how long they have been used.

O T C tools have earned the faith and confidence of the mechanic by their unfailing dependability.

Polished tools are ground and polished all over. Unpolished tools have polished bit only.

Center Punches (Fig. 1)

Size	Polished	Unpolished
1/4 in.	$ .30	$ .20
5/16 in.	.30	.20
3/8 in.	.35	.25
1/2 in.	.40	.30
5/8 in.	.50	.40
3/4 in.	.60	.50
Set of Six in Kit	2.35	1.75

Starter Punch (Fig. 2)

1/2 in. stock, polished. Tight pins should be started before using pin punch.

3/16 in.	$ .80	5/16 in.	$ .80
1/4 in.	.80	Set of Three in Kit	2.20

Pin Punches (Fig. 3)

1/2 in. stock, polished.

3/16 in.	$ .80	5/16 in.	$ .80
1/4 in.	.80	Set of Three in Kit	2.20

Mechanics Special Chisel (Fig. 4)

Made from 5/8 in. stock, with long thin bit. Very handy for cutting brake band rivets, etc.

Mechanics Special Chisel $ .90

Special Chisels

½ in. stock, polished only.

Diamond point (Fig. 5)	$ .80
Round nose (Fig. 6)	.80
Cape chisel (Fig. 7)	.80

Slim Taper Punches (Fig. 8)

Size	Polished	Unpolished
¼ in.	$ .55	$ .35
5/16 in.	.60	.35
⅜ in.	.70	.40
½ in.	.80	.50
⅝ in.	.90	.60
¾ in.	1.00	.70
Set of Six in Kit	~~1.25~~ 4.25	2.65

Extra Length Punches

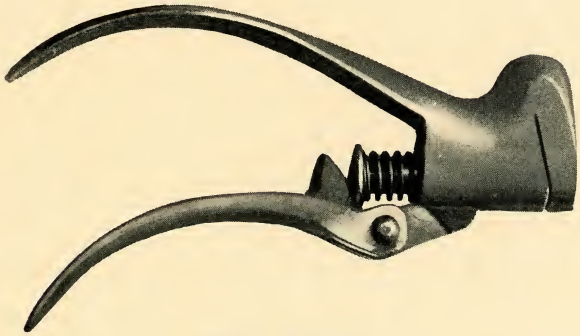
¾-10 in.	$1.35	$ .90
¾-12 in.	1.60	1.25
¾-16 in.	2.00	1.65
¾-20 in.	2.50	1.90
¾-24 in.	3.00	2.25

Cold Chisels (Fig. 9)

Size	Polished	Unpolished
¼ in.	$ .55	$ .35
5/16 in.	.60	.35
⅜ in.	.70	.40
½ in.	.80	.50
⅝ in.	.90	.60
¾ in.	1.00	.70
Set of Six in Kit	4.25	2.65

Extra Length Chisels

¾-10 in.	$1.35	$ .90
¾-12 in.	1.60	1.25
¾-16 in.	2.00	1.65
¾-20 in.	2.50	1.90
¾-24 in.	3.00	2.25



Shim Punches

An indispensible tool for cutting holes in shims and gaskets. Ideal for the purpose intended. Diagonal slot causes punch to shear material cleanly and easily.

Size	Price
3/8 in.	**$1.00**
1/2 in.	**1.00**
5/8 in.	**1.00**
Set of Three	**2.75**

Magneto Pin Punches (5/16 in. stock)

Size	Price
1/16 in.	**$ .35**
3/32 in.	**.35**
1/8 in.	**.35**
Set of Three	**1.00**


OTC
THE
UTMOST
IN TOOLS